

CLAIMS

1. A method including
associating a template document with a first document, said template
document including a set of insertion points at which separate data can be inserted, said
insertion points including code fragments, said code fragments each including instruc-
tions capable of referencing at least a portion of said separate data;
receiving a request message relating to said first document;
sending a response message relating to said first document, said response
message including said separate data.
2. A method as in claim 1, including defining a plurality of said tem-
plate documents regarding said first document.
3. A method as in claim 1, including selecting one of a plurality of said
template documents regarding said first document in response to said request message;
wherein said response message includes information identifying said selected template
document.
4. A method as in claim 1, wherein said first document includes at least
one of: an email or groupware message, a posting on a bulletin board or newsgroup, a
database entry.

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2 5. A method as in claim 1, wherein said request message includes in-
3 formation identifying at least one said template document already available to a sender of
4 said request message.

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6 6. A method as in claim 1, wherein said response message includes
7 said template document.

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9 7. A method as in claim 1, wherein said separate data includes a set of
10 changed data from an earlier version of said first document.

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12 8. A method as in claim 1, wherein said separate data includes a set of
13 personalized data relating to a version of said first document.

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15 9. A method as in claim 1, including redefining said template document
16 in response to changes in said first document.

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18 10. A method as in claim 9, including redefining said template document
19 in response to a ratio of a measure of said changes in said first document data to a meas-
20 ure of data in said template document.

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22 11. A method as in claim 1, wherein

1 said template document includes a web page;

2 said first document includes a web page;

3 said separate data includes a separate data structure from said web page.

5 12. A method as in claim 11, wherein said code fragments include

6 JavaScript.

8 13. A method as in claim 11, wherein said code fragments are executed
9 or interpreted at a client in a task associated with presenting said template document.

11 14. A method as in claim 11, wherein said separate data structure in-
12 cludes a cookie.

14 15. Apparatus including
15 means for associating a template document with a first document, said tem-
16 plate document including a set of insertion points at which separate data can be inserted,
17 said insertion points including code fragments, said code fragments each including in-
18 structions capable of referencing at least a portion of said separate data;
19 means for receiving a request message relating to said first document;
20 means for sending a response message relating to said first document, said
21 response message including said separate data.

1 16. Apparatus as in claim 15, including means for defining a plurality of
2 said template documents regarding said first document.

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4 17. Apparatus as in claim 15, including means for selecting one of a plu-
5 rality of said template documents regarding said first document in response to said re-
6 quest message; wherein said response message includes information identifying said se-
7 lected template document.

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9 18. Apparatus as in claim 15, wherein said first document includes at
10 least one of: an email or groupware message, a posting on a bulletin board or newsgroup,
11 a database entry.

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13 19. Apparatus as in claim 15, wherein said request message includes in-
14 formation identifying at least one said template document already available to a sender of
15 said request message.

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17 20. Apparatus as in claim 15, wherein said response message includes
18 said template document.

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20 21. Apparatus as in claim 15, wherein said separate data includes a set of
21 changed data from an earlier version of said first document.

1 22. Apparatus as in claim 15, wherein said separate data includes a set of
2 personalized data relating to a version of said first document.

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4 23. Apparatus as in claim 15, including means for redefining said tem-
5 plate document in response to changes in said first document.

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7 24. Apparatus as in claim 23, including means for redefining said tem-
8 plate document in response to a ratio of a measure of said changes in said first document
9 data to a measure of data in said template document.

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11 25. Apparatus as in claim 15, wherein
12 said template document includes a web page;
13 said first document includes a web page;
14 said separate data includes a separate data structure from said web page.

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16 26. Apparatus as in claim 25, wherein said code fragments include
17 JavaScript.

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19 27. Apparatus as in claim 25, wherein said code fragments are executed
20 or interpreted at a client in a task associated with presenting said template document.

1 28. Apparatus as in claim 25, wherein said separate data structure in-
2 cludes a cookie.

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4 29. Memory or mass storage including
5 a template document associated with a first document, said template docu-
6 ment including a set of insertion points at which separate data can be inserted, said inser-
7 tion points including code fragments, said code fragments each including instructions ca-
8 pable of referencing at least a portion of said separate data;

9 a response message relating to said first document, said response message
10 including said separate data.

11
12 30. Memory or mass storage as in claim 29, including a plurality of said
13 template documents regarding said first document.

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15 31. Memory or mass storage as in claim 29, including a plurality of said
16 template documents regarding said first document; wherein said response message in-
17 cludes information identifying a selected one of said plurality of template documents.

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19 32. Memory or mass storage as in claim 29, wherein said first document
20 includes at least one of: an email or groupware message, a posting on a bulletin board or
21 newsgroup, a database entry.

1 33. Memory or mass storage as in claim 29, including a request message
2 for said document, said request message including information identifying at least one
3 said template document already available to a sender of said request message.

4
5 34. Memory or mass storage as in claim 29, wherein said response mes-
6 sage includes said template document.

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8 35. Memory or mass storage as in claim 29, wherein said separate data
9 includes a set of changed data from an earlier version of said first document.

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11 36. Memory or mass storage as in claim 29, wherein said separate data
12 includes a set of personalized data relating to a version of said first document.

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14 37. Memory or mass storage as in claim 29, wherein
15 said template document includes a web page;
16 said first document includes a web page;
17 said separate data includes a separate data structure from said web page.

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19 38. Memory or mass storage as in claim 37, wherein said code frag-
20 ments include JavaScript.

1 39. Memory or mass storage as in claim 37, wherein said code frag-
2 ments are executed or interpreted at a client in a task associated with presenting said tem-
3 plate document.

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5 40. Memory or mass storage as in claim 37, wherein said separate data
6 structure includes a cookie.